

PERFORMANCE DATA

SABRE 48SE, CC-100 - Twin Volvo-Penta IPS15-700 (D8-550mHp @ 2900rpm)

	RPM	Speed (kts.)	Fuel Consumption (gph)	Economy (nm/gal.)	Range (nm)	Eng. Load %	Sound Level (dBA)		
							Helm / Main Salon	Owner's S/R	Aft Cockpit
Idle	600	4.6	1.5	3.07	1449	26	-	-	64
	800	6.2	2.7	2.28	1076	30	62	64	67
	1000	7.7	4.4	1.74	822	34	63	62	71
	1200	9.2	7.1	1.30	612	39	65	65	73
	1400	10.1	11.0	0.91	432	45	68	68	75
	1600	11.4	16.0	0.71	337	49	69	71	77
	1800	14.0	22.0	0.64	301	55	70	71	77
	2000	17.9	25.0	0.72	338	60	70	72	78
	2200	21.2	30.0	0.71	334	64	72	75	79
	2400	24.4	35.0	0.70	329	69	74	77	80
	2600	28.1	42.0	0.67	316	78	75	78	81
	2700	29.4	46.0	0.64	302	83	75	78	82
WOT	2800	30.8	50.0	0.62	291	88	75	78	85
	2900	32.6	54.0	0.60	285	94	75	78	86
	2990	33.6	58.0	0.58	273	100	77	79	86

Notes: Based on performance measured 4/12/2017 w/ 3 crew (~600 lbs.), 100% fuel (500 gal.), 100% water, minimal waste.

Location: Mouth of the Ashley River, Charleston, SC

Seas: <1 ft.. - Flat Calm. Sea water temp.: 68° F.

Ambient air temp.: 73° F. Winds: SE @ ~2-3kts. Skies: Clear & Sunny

Speed measured by GPS. Average of reciprocal runs with 900mm **Volvo Interceptor trim system optimized.**

Engines: 2/ea. Volvo-Penta D8 (7.7L, 550-mhp @ 2900 rpm, in-line 6 cyl.) with Volvo-Penta IPS15 pod drives.

Propellers: Volvo-Penta 'N4' propeller set (dual, counter-rotating) Fwd. prop = 3-blade, LH; Aft prop = 4-blade, RH.

Fuel Consumption calculated by Volvo-Penta engine software.

Range based on 90% of 525gal. fuel capacity.

Recommended maximum continuous cruise speed is @ 10% below WOT or ~ 2700 rpm. (29.4 kts, consuming 46 gph)

Performance data is subject to change depending on tankage, temperature and other factors.

Sabre 48SE w/ Volvo Penta IPS15-700 (CC-100)
SPEED & FUEL CONSUMPTION

